INDEX TO VOLUME XXXIX, 1955

AUTHOR INDEX

PAGE

Agarwal, L. P., and Malik, S. R. K.: Tetracycline in trachoma 759
———, Sharma, K., and Malik, S. R. K.: Diamox therapy in flat chamber 664
Ainslie, D.: Treatment of superficial ocular infection with a polymixin-bacitracin ointment (Polyfax) 557
Alimuddin, M.: Vernal Conjunctivitis 160
———: Treatment of vernal conjunctivitis 540
Arruga, H.: Problem of orbital implants after enucleation 599
Ashton, Norman, and Cook, Charles: Studies on developing retinal vessels. I. Influence of retinal detachment 449
——— ———: Studies on developing retinal vessels. II. Influence of retinal detachment on oxygen vaso-obliteration 457
———: *See* Cook, Charles, and Ashton, Norman
———: *See* Pedler, Christopher, and Ashton, Norman
———: *See* Smith, Charles, and Ashton, Norman
Avasthy, P.: Myanesin elixir in 150 cases of cataract extraction 623

Basu, R. K.: *See* Das Gupta, B. K., and Basu, R. K.
Bennett, George: Central serous retinopathy 605
———: Uveitis. A clinical and statistical survey 727
Blackwell, J.: *See* van Heyningen, R., Pirie, A., and Blackwell, J.
Blaxter, P. L.: Symptoms of congestive (closed-angle) glaucoma occurring in eyes with a wide chamber angle 673
Boberg-Ans, Jørn: Experience in clinical examination of corneal sensitivity. Corneal sensitivity and the naso-lacrimal reflex after retrobulbar anaesthesia 705
Boase, A. J.: Mooren ulcer in a corneal graft 182
Boyd, T. A. S.: Influence of local ascorbic acid concentration on collagenous tissue healing in the cornea 204
Bromberg, Y. M.: *See* Landau, J., and Bromberg, Y. M.
Budden, F. H.: Incidence of human infection with onchocerciasis in different communities in relation to the incidence and type of the ocular lesion... 321
Burn, R. A., Hopkin, D. A. B., Edwards, G., and Jones, C. M.: Sedation for ophthalmic surgery. Combination of chlorpromazine, promethazine and pethidine... ... 333

Calvert, R. J.: *See* Klein, M., Calvert, R. J., Joseph, W. E., and Smith, E.
Campbell, D. A., Gloster, J., and Tonks, E. L.: Some observations on the water-drinking test in glaucomatous and non-glaucomatous subjects 193
Chaddah, M. R.: *See* Das, T., Sur, M. L., and Chaddah, M. R.
Chitters, M.: *See* Scott, J. Graham, Friedmann, A. I., Chitters, M., and Pepler, W. J.
Clarke, Edwin: Ophthalmological complications of multiple myelomatosis 233
Clifton, F., and Greer, C. H.: Ocular changes in acute systemic lupus erythematosus ... 1
Collette, J. M.: *See* François, J., Neetens, A., and Collette, J. M.
Cook, Charles, and Ashton, Norman: Studies on developing retinal vessels. III. Role of sympathetic innervation in oxygen vaso-obliteration 626
———: *See* Ashton, Norman, and Cook, Charles
Cooper, S. N.: *See* Rao, S. S., Kulkarni, M. E., Cooper, S. N., and Radhakrishnan, M. R.
Corkey, J. A.: Ophthalmia nodosa due to caterpillar hairs 301
Cowie, J. W., and Groves, J. S.: Preliminary report on the use of contrast media in orbital radiography 283
Crick, R. P.: Abnormal fundus reflexes and retinitis pigmentosa 312
Cristini, G., and Pagliarani, N.: Slit-lamp study of the aqueous veins in simple glaucoma during the amyl nitrite test 685
Crone, R. A.: Clinical study of colour vision 170

PAGE

Dark, A. J.: Inclusion bodies in trachoma 751
Das, T., Sur, M. L., and Chaddah, M. R.: Corneal Ulceration. Sensitivity of bacteria to antibiotics 21
Das Gupta, B. K., and Basu, R. K.: Bilateral dislocation of lens under complete voluntary control in Marfan's syndrome with cardiovascular anomaly 566
Davey, J. B.: *See* Sorsby, Arnold, and Davey, J. B.
Davson, Hugh: Adsorption of thiocyanate to the plasma proteins. With special reference to the distribution of this ion between aqueous humour and plasma 681
De Rouck, A.: *See* François, J., Verriest, G., and De Rouck, A.
Drance, S. M.: Quinine amaurosis 178
———: Glaucoma treated with Diamox. Preliminary report of 20 cases... 659

Eadie, Stella, and Thompson, Malcolm: Kerato-conjunctivitis sicca treated with cortisone and ACTH 90
Edmonds, O. P.: *See* Fernandez, R. H. P., Edmonds, O. P., and Hunt, T. A.
Edwards, G.: *See* Burn, R. A., Hopkin, D. A. B., Edwards, G., and Jones, C. M.
Ellis, Frank: *See* Lloyd, J. P. F., and Ellis, Frank

Fender, D. H.: Torsional motions of the eyeball 65
———: Variation of fixation direction with colour of fixation target 294
Fernandez, R. H. P., Edmonds, O. P., and Hunt, T. A.: Binocular diaphragm 343
Fincham, E. F.: Photographic recording of opacities of the ocular media 85
Foggitt, K. Dean: Recession-lengthening of medial recti for convergent squint. A preliminary report 488
Foley, Jill: *See* Lyle, T. Keith, and Foley, Jill
Forrester, R. M.: *See* Naunton, W. J., and Forrester, R. M.
Foster, John: Simplified near point rule 52
Foxell, C. A. P., and Stevens, W. R.: Measurements of visual acuity 513
François, J., Neetens, A., and Collette, J. M.: Vascular supply of the optic pathway. II. Further studies by micro-arteriography of the optic nerve ... 220
———, **Verriest, G., and De Rouck, A.:** Modification of the amplitude of the human electro-oculogram by light and dark adaptation 398
Friedmann, A. I.: *See* Scott, J. Graham, Friedmann, A. I., Chitters, M., and Pepler, W. J.
Frith, M. L., and Wright, S. E.: Preservation of ophthalmic solutions. A critical evaluation 174

Gloster, J.: Investigation of the carbonic anhydrase content of the cornea of the rabbit 743
———: *See* Campbell, D. A., Gloster, J., and Tonks, E. L.
———, **and Perkins, E. S.:** Effect of a carbonic anhydrase inhibitor (Diamox) on intra-ocular pressure of rabbits and cats 647
Gomez Haedo, C. A.: *See* Oehninger, C., Rodriguez Barrios, R., and Gomez Haedo, C. A.
Greer, C. H., and Clifton, F.: *See* Clifton, F., and Greer, C. H.
Gregory, Irene D. R.: Congenital ectodermal dysplasia 44
Groves, J. S.: *See* Cowie, J. W., and Groves, J. S.
Gurling, K. J.: Evaluation of an androgen, methylandrostenediol, in the treatment of diabetic retinopathy 151
Gyllensten, Lars J., and Hellström, Bo E.: Experimental approach to the pathogenesis of retrolental fibroplasia. III. Changes in the eye induced by exposure of newborn mice to general hypoxia 409

Hanabusa, Jun: *See* Mitsui, Yukihiko, and Hanabusa, Jun
Handousa, A.: Multiple myelomatosis with proptosis 41
Hellström, Bo E.: *See* Gyllensten, Lars, J., and Hellström, Bo E.
Higgitt, Alan, and Smith, Redmond: Reading test in glaucoma 103
Hoole, T.: *See* Sivasubramaniam, P., and Hoole, T.
Hopkin, D. A. B.: *See* Burn, R. A., Hopkin, D. A. B., Edwards, G., and Jones, C. M.
Hudson, A. C.: A cross-armed reversible screen stereoscope 634
Hunt, T. A.: *See* Fernandez, R. H. P., Edmonds, O. P., and Hunt, T. A.

Jackson, C. R. S.: Calibration of tonometers 368
———: Temporary cataracts in diabetes mellitus 629
Jones, C. M.: *See* Burn, R. A., Hopkin, D. A. B., Edwards, G., and Jones, C. M.
Joseph, W. E.: *See* Klein, M., Calvert, R. J., Joseph, W. E., and Smith, E.

PAGE

Keup, Wolfram, and Steiger, Rainer: Amino acid elements of normal human aqueous fluid protein 503
Klein, M., Calvert, R. J., Joseph, W. E., and Smith, E.: Rarities in ocular sarcoidosis ... 416
Kulkarni, M. E.: *See* Rao, S. S., Kulkarni, M. E., Cooper, S. N., and Radhakrishnan, M. R.

Lamb, Adrian: Thomas Elliot, 1817-1859. A forgotten ophthalmologist 184
Landau, J., and Bromberg, Y. M.: Impaired scotopic vision in adiposo-genital dystrophy 155
Leigh, A. G.: Treatment of gross corneal opacification by lamellar and annular lamellar keratoplasty 641
Lindsay, Alexander: Retinal pigmentation due to choroidal melanosarcoma. With observations on congenital grouped pigmentation of the retina 114
Lipetz, Leo E.: The X-ray and radium phosphenes 577
Lloyd, Ivor : Unusual case of myasthenia gravis 48
Lloyd, J. P. F.: Left paralytic convergent squint 572
———, **and Ellis, Frank :** Melanoma of iris treated by radiation therapy 507
Lyle, T. Keith, and Foley, Jill : Subnormal binocular vision with special reference to peripheral fusion 474

McNeil, N. L.: Patterns of visual defects in children 688
McWilliam, R. J.: Classification of angioid streaks 298
Malbran, Enrique, and Norbis, Atilio Luis : Unilateral paralysis of the elevators of supranuclear origin 73
Malik, S. R. K.: *See* Agarwal, L. P., and Malik, S. R. K.
———: *See* Argarwal, L. P., Sharma, K., and Malik, S. R. K.
Malone, Ross G. S.: Dictyoma 429
Mathers, R. M., and Moodie, A. R.: Recurrent choroidal detachment 437
Maurice, D. M.: Influence on corneal permeability of bathing with solutions of differing reaction and tonicity 463
Mayer, G.: Hyaluronidase in ocular tissues. I. Sensitive biological assay for small concentrations of hyaluronidase 747
Mazhar, M.: Congenital eversion of the upper eye lids 702
Mehta, K. H.: Congenital toxoplasmosis 569
Mitsui, Yukihiko, and Hanabusa, Jun.: Corneal infections after cortisone therapy ... 244
Moffatt, Allen B.: Measuring strabismus hooks 54
Moodie, A. R.: *See* Mathers, R. M., and Moodie, A. R.
Moore, J. Gibson : Chlorpromazine (Largactil) as a premedication in ophthalmic surgery 109

Naunton, W. J., and Forrester, R. M.: Severe vitreous haemorrhage in a premature infant 563
Neame, H.: Large concave mirror for indirect ophthalmoscopy 763
Neetens, A.: *See* François, J., Neetens, A., and Collette, J. M.
Norbis, Atilio Luis : *See* Malbran, Enrique, and Norbis, Atilio Luis

O'Connor, R.: The cinch operation 495
Oehninger, C., Barrios, R. Rodriguez, and Haedo, C. A. Gomez : Optic neuritis caused by arsenicals. Treatment with B.A.L. 422

Pagliarani, N.: *See* Cristini, G., and Pagliarani, N.
Paine, D. L. E.: Bilateral symmetrical retinal cysts 122
Parry, H. B.: Degenerations of the dog retina. VII. Central non-progressive degeneration due to an anomaly of the ganglion cells and their axons 29
———, **Tansley, Katharine, and Thomson, L. C.:** Electroretinogram during development of hereditary retinal degeneration in the dog 349
Pascal, Joseph I.: Retinal image in axial and refractive ametropia 380
Pedler, Christopher, and Ashton, Norman : Sex of nuclei in ocular tissues 362
Pepler, W. J.: *See* Scott, J. Graham, Friedmann, A. I., Chitters, M., and Pepler, W. J.
Perkins, E. S.: Congenital anomaly of optic nerve with field defects 632
———: Pressure in the canal of Schlemm 215
———: *See* Gloster, J., and Perkins, E. S.
Pirie, A.: *See* van Heyningen, R., Pirie, A., and Blackwell, J.
Primrose, John : Dibenzyline in glaucoma 307

PAGE

Radhakrishnan, M. R.: *See* Rao, S. S., Kulkarni, M. E., Cooper, S. N., and Radhakrishnan, M. R.

Rao, S. S., Kulkarni, M. E., Cooper, S. N., and Radhakrishnan, M. R.: Analysis of proteins of bovine lens, vitreous, and aqueous by electrophoresis and by Oudin's gel diffusion technique 163

Reed, Howard : Keratome or knife incision for cataract. Assessment of 180 cases ... 353

Reid, A. Arnaud : Simple pupillometer 762

Ridge, J. W.: Sodium and chloride of the aqueous humour of normal and scorbutic guinea-pigs 534

Rodriguez Barrios, R.: *See* Oehninger, C., Rodriguez Barrios, R., and Gomez Haedo, C. A.

Romanes, G. J.: Dacryocystorhinostomy. Clinical report of fifty cases 237

Rose, Doris : An unusual foreign body 631

Schrire, Louis : Ossification in a conjunctival tumour 443

Scott, J. Graham, Friedmann, A. I., Chitters, M., and Pepler, W. J.: Ocular changes in the Bloch-Sulzberger syndrome (incontinentia pigmenti) 276

Sengupta, M.: Ocular manifestations in a case of haemorrhage into the fourth ventricle ... 251

Shah, Mahmud Ali, and Shah, Mubarika : Essential shrinkage of the conjunctiva in epidermolysis bullosa hereditaria 667

Shah, Mubarika : *See* Shah, Mahmud Ali, and Shah, Mubarika

Sharma, K.: *See* Agarwal, L. P., Sharma, K., and Malik, S. R. K.

Sivasubramaniam, P., and Hoole, T.: Bilateral essential atrophy of the iris 119

Smith, Charles, and Ashton, Norman : Studies on the aetiological problem of uveitis ... 545

Smith, E.: *See* Klein, M., Calvert, R. J., Joseph, W. E., and Smith, E.

Smith, Redmond : *See* Higgitt, Alan, and Smith, Redmond

Sorsby, Arnold, and Davey, J. B.: Dominant macular dystrophy 385

—— ——: Generalized choroidal sclerosis. Course and mode of inheritance 257

Stallard, H. B.: Late restoration of the anterior chamber by surgery 112

———: Multiple islands of retinoblastoma. Incidence rate and time span of appearance 241

———: Modified ptosis spatula 573

Steiger, Rainer: *See* Keup, Wolfram, and Steiger, Rainer

Stevens, W. R.: *See* Foxell, C. A. P., and Stevens, W. R.

Sur, M. L.: *See* Das, T., Sur, M. L., and Chaddah, M. R.

Sysi, R.: Effect of " Myanesin " on intra-ocular pressure 619

Tansley, Katharine: *See* Parry, H. B., Tansley, Katharine, and Thomson, L. C.

Thompson, Malcolm: *See* Eadie, Stella, and Thompson, Malcolm

Thomson, L. C.: *See* Parry, H. B., Tansley, Katharine, and Thomson, L. C.

Tomar, V. P. S.: Intra-ocular magnetic air-gun shot 50

Tonks, E. L.: *See* Campbell, D. A., Gloster, J., and Tonks, E. L.

Tulloh, C. G.: Hereditary posterior polar cataract with report of a pedigree 374

Urrets-Zavalía, Alberto, jr.: Significance of congenital cyclo-vertical motor defects of the eyes 11

Van Heyningen, R., Pirie, A., and Blackwell, J.: Effect of cocarboxylase on the development of galactose cataract in rats 37

Verriest, G.: *See* François, J., Verriest, G., and De Rouck, A.

Villaseca, Alfredo: Surgical classification of squints with a vertical deviation 129

Weerekoon, Lloyd M.: Priscol and retinal artery occlusions. Preliminary report 98

Wright, S. E.: *See* Frith, M. L., and Wright, S. E.

SUBJECT INDEX

PAGE

Accommodation, glaucoma and ... 103
——, visual acuity and 345
Acid, amino, of human aqueous 503, 504, 505
——, ascorbic, corneal vascularization of 213
—— ——, effect on sodium and chloride of aqueous 534
—— ——, epithelial healing and ... 212
—— ——, regenerating collagen and 204
Acoustic neurinoma, corneal sensitivity and 713
ACTH in Bloch-Sulzberger syndrome 279
—— in lupus erythematosus 2, 7
—— in Sjögren's syndrome 90
" Action current " of eye 579
Adhesions and strabismus 14
Adiposo-genital dystrophy, scotopic vision and 155
Adrenal corticoids: *See under* Cortisone *and* Hydrocortisone
Adrenaline, vernal conjunctivitis and ... 542
Afterglow, *x* ray phosphene and ... 579
Agamofilaria streptocerca 322
See also Onchocerciasis
Air as contrast medium 283
Albucid: *See* Sulphacetamide
Albumin, serum, in glaucoma 197
Allergy, vernal conjunctivitis and 160, 540
Amaurosis, pontine haemorrhage and 251
——, quinine 178
Amblyopia in children 699
—— in myelomatosis 235
——, quinine 179
Ametropia, retinal image in 380
Amplitude, peripheral fusion 482
Amyl nitrite in retinal arterial occlusion 98, 100
Anaesthesia in ophthalmic surgery ... 333
——, —— ——, post-operative recovery 338
Anatropia: *See* Strabismus
Androgen therapy of diabetic retinopathy 151
Angioid streaks, classification of ... 298
Aniridia, buphthalmos and 121
Anisometropia in children 689, 695, 697, 698
Ankylosing spondylitis: *See* Spondylitis, ankylosing
Ankylostoma, vernal conjunctivitis and 541
Anomaloscope, Nagel, modified ... 171
Anoxia, relative, retrolental fibroplasia and 409
Antibiotics, corneal ulceration and bacterial sensitivity to 21
—— in uveitis 734
See also under appropriate name

PAGE

Antihistamines, vernal conjunctivitis and 542
Antiseptic for eye-drops 174
Aphakia, experimental, effect on corneal repair ... ... 207 et seq.

Appliances:
Concave mirror, large, for indirect ophthalmoscopy 763
Livingston depth perception apparatus 476
Measuring strabismus hooks ... 54
Micro-radiographic unit ... 221, 222
Modified ptosis spatula 573
Nagel anomaloscope (modified) ... 171
Simple pupillometer 762
Simplified near point rule 52
Stereoscope, cross-armed reversible screen 634

Aqueous humour, ascorbic acid in 206, 213, 534
—— ——, Diamox and 743
—— ——, drainage of 215
—— ——, sodium and chloride studies 534, 681
—— ——, thiocyanate in 681
—— **protein:** *See* Protein, aqueous
Arachnodactyly with bilateral dislocation of lens 566
Arachnoidal sheath of optic nerve ... 231
Arsenic, optic neuritis due to ... 422, 639
Arterial flow, " Diamox " and 657
Artery, central retinal, nutrition of ... 230
——, —— ——, occlusion in myelomatosis 234
——, hyaloid, and retinal circulation ... 449
——, retinal, occlusion treated by Priscol 98
Ascaris, vernal conjunctivitis and ... 541
Ascorbic acid: *See* Acid, ascorbic
Aspergillus fumigatus, hypopyon ulcer and 246, 248
Assay, biological, of hyaluronidase ... 747
Astigmatism, after cataract extraction... 355
—— in children 689, 695, 697, 698
Atrophy of choroid 298
See also Choroidal sclerosis
—— of optic nerve, Bloch-Sulzberger syndrome and... 277
—— ——, glaucomatous 258
—— ——, in onchocerciasis 323, 326, 329
—— ——, sarcoidosis and 416
Aureomycin in corneal ulcer ... 25, 26
Autonomic balance 762

PAGE

Bacitracin: *See* "Polyfax"
Bacteria, sensitivity of, to antibiotics, corneal ulcer and 21
B. coli, cetrimide and 175
B. proteus in corneal ulceration 25, 26, 27
B. pyocyaneus in corneal ulceration ... 21
BAL, arsenical optic neuritis and 422, 639
Barbiturates in ophthalmic surgery 333, 335, 336
Bell's phenomenon 74
Benzalkonium chloride as preservative... 174
Benzedrine 763
Best's disease 393
Bielschowsky's sign 145
Binocular diaphragm for sight testing ... 343
—— ——, trial tests with 347
—— **vision:** *See* Vision, binocular
Blepharitis, "Polyfax" in 561
Blindness: *See also* Amaurosis
——, colour: *See* Colour blindness
—— in myelomatosis 235
—— in onchocerciasis ... 325, 326, 329
—— in uveitis 545
——, radium and 590
Blind spot, colour and 297
Blind subjects, *x* ray phosphene in ... 583
Bloch-Sulzberger syndrome 276
Blood-aqueous barrier, sodium and 534, 537
—— ——, thiocyanate and 681
Blood pressure, "Diamox" and 648, 656
Bone corpuscle formation 258

Book Reviews:

BARBER, A. N.: Embryology of the Human Eye (1955) 512

BLANK, H., and RAKE, G.: Viral and Rickettsial Diseases of the Skin, Eyes, and Mucous Membranes of Man (1955) ... 447

DELORME, A., and PESME, P.: Elementary Ophthalmology (Précis de l'ophtalmologie élémentaire). (2nd ed. 1955) ... 767

DUKE-ELDER, SIR STEWART: Textbook of Ophthalmology, Vol. VII, Summary of Systemic Ophthalmology. General Index (1954) 126

——: Glaucoma. A Symposium (1955) 766

ELWYN, H.: Diseases of the Retina (2nd. ed. 1954) 127

GOLDMANN, HANS: Two Lectures on the Biomicroscopy of the Eye (1954) 192

KIRBY, D. B.: The Advanced Surgery of Cataract (1955) 383

LYLE, D. J.: Neuro-Ophthalmology (2nd. ed. 1954) 127

OHM, J.: Review of Miners' Nystagmus (1954) 57

PAGE

Book Reviews (*contd.*):

RYCROFT, B. W.: Corneal Grafts (1955) 766

SHEPPARD, L. BENJAMIN: Current Concepts of Diabetes Mellitus with Special Reference to Ocular Changes (1955) ... 446

VAIL, DERRICK: Year Book of the Eye, Ear, Nose and Throat. The Eye (1955) 383

Bronchitis, uveitis and 732
Brucellosis, uveitis and 550
Bruch's membrane, angioid streaks and 298
Buphthalmos, iris atrophy and 120

Calciferol in sarcoidosis 417, 419, 421
Candida albicans, hypopyon ulcer and 244
Canicola fever, uveitis and 727
Capillary network in optic nerve 224, et seq.
Carbonic anhydrase inhibitor: *See* "Diamox"
—— —— in rabbit cornea ... 647, 743
Cardiovascular disease, angioid streaks and 298
Cataract, Bloch-Sulzberger syndrome and 277
——, calcareous... 416
——, congenital 44
——, ——, retinal degeneration in dog and 29
—— extraction 353
—— ——, anaesthesia for 337
—— ——, choroidal detachment and 356
—— ——, corneoscleral sutures in 353, 360
—— ——, defective healing after ... 355
—— ——, delayed re-formation of anterior chamber after ... 356
—— ——, "Myanesin" in 623
—— ——, post-operative complications 355, 357
——, galactose, in rats 37
——, hereditary posterior polar ... 374
——, incision for 353
——, sarcoidosis and 416
——, temporary, in diabetes mellitus ... 629
——, visual acuity after extraction ... 354
Caterpillar hairs, ophthalmia nodosa and 301
Cetavlon: *See* Cetrimide
Cetrimide as preservative 174
——, chemical compatibility of ... 176
Chamber, anterior, delayed re-formation of 356
——, ——, "Diamox" and re-formation of 664
——, ——, late restoration of 112
——, ——, microfilariae in 325
——, ——, pressure in 215
——, **posterior,** microfilariae in ... 331
Chiasma, compression of, in myelomatosis 235

PAGE

Children, statistical survey of visual defects in 688
Chloramphenicol in corneal ulcer 25, 26
Chlorbutol as preservative 174
Chloride of aqueous 534
Chlorpromazine, complications following sedation with 339
——, contraindications... 336
—— premedication ... 109, 317, 333
——, post-operative recovery 338
Chondro-sarcoma, maxillary 289
Choriocapillaris, retinal circulation and 449
Chorioretinal atrophy 44, 47
Chorioretinitis, onchocercal 323, 325, 326, 329
——, sarcoidosis and 419
——, toxoplasmic 569
Choroid, detachment of, angioid streaks and 298
——, —— ——, post-operative ... 356
——, —— ——, recurrent 437
——, —— ——, spontaneous, collected cases 440
—— in onchocerciasis ... 325, 326, 329, 331
——, melano-sarcoma of 114
——, myeloma of 234
Choroideremia 272
Choroiditis, corneal sensitivity and ... 710
—— in lupus erythematosus 1, 7
Chromatic aberration in human eye ... 295
Chromatography of aqueous amino acids 503, 504
Cinch operation 495
Circulation, capillary, in optic nerve 220, 224, 230
" Cluster hypothesis " of Hartridge ... 294
Cocarboxylase, galactose cataract and 37
Collagen disease, uveitis and 727
—— tissue healing in cornea 204
Colour blindness, congenital total ... 392
Colourblind subjects, *x* ray phosphene in 582
Colour vision, clinical study ... 170, 171
—— ——, foveal 530
—— ——, macular dystrophy and 385, 392
——, visual acuity and 515
Concave mirror, large, for indirect ophthalmoscopy 763
Cone disturbance, macular dystrophy and 385, 391
Congenital ectodermal dysplasia ... 44
—— grouped pigmentation of retina ... 114
—— motor defects 11
—— posterior polar cataract 374
Conjunctiva, effect of amyl nitrite on vessels of 686
——, bacterial flora of 23
—— in epidermolysis bullosa hereditaria 667
——, tumour of, ossification in ... 443
Conjunctivitis, vernal 160, 540
——, ——, allergy and 541
——, ——, altitude and 540
——, ——, intestinal worms and ... 541
——, ——, treatment 542, 543

PAGE

Contact lens, corneal sensitivity and ... 710
—— ——, diagnostic 446
—— —— in recording optical movements 65, 66
Contrast media for orbital radiography 283
—— —— in micro-arteriography ... 221
Cornea, bacteriology of 24
——, decreased sensitivity in 707
——, fluorescein and permeability of ... 470
——, graft of: *See* Graft, corneal
——, gross opacification of, lamellar keratoplasty and 641
——, healing in 204
——, heredo-degeneration of 709
—— in epidermolysis bullosa hereditaria 667
——, infections of, after cortisone ... 244
——, normal sensitivity of ... 707, 706
——, permeability of, different solutions and 463
——, rabbit, carbonic anhydrase in 647, 743
——, sensitivity of 705
——, —— ——, after retrobulbar anaesthesia 713
——, —— ——, choroiditis and ... 710
——, —— ——, contact lenses and ... 711
——, —— ——, corneal dystrophy and 709
——, —— ——, cystinosis and ... 709
——, —— ——, glaucoma and 710, 712
——, —— ——, herpes zoster and ... 708
——, —— ——, in neurology 713
——, —— ——, scleral nerves and ... 710
——, —— ——, scleritis and 710
——, ulcer of: *See* Ulcer, corneal
——, vascularization of, ascorbic acid and 213

Correspondence:
B.A.L. in optic neuritis caused by arsenicals 639
Contrast media in orbital radiography 510
Dacryocystorhinostomy 382
Diagnostic contact lens 446
Iridencleisis in congestive glaucoma 126
Largactil 317
Pressure in the canal of Schlemm ... 764

Correspondence, macular 479
——, retinal, in strabismus 475
Cortisone, corneal infection after ... 244
—— in lupus erythematosus 7
—— in sarcoidosis 417, 421
—— in Sjögren's syndrome 90
—— in uveitis 738
—— in vernal conjunctivitis ... 542, 544
CTAB: *See* Cetrimide
Curare, cataract surgery and 623
——, intra-ocular pressure and ... 619
Cystic arachnoiditis, corneal sensitivity and 713
Cystinosis 709
Cysts, retinal, bilateral symmetrical ... 122
Cytoid bodies 2, 4, 5, 7, 8, 9

PAGE

Dacryocystorhinostomy ... 237, 382
——, anaesthesia for 338
Dark adaptation, action current and ... 580
—— ——, effect on *x*-ray phosphene ... 579
—— ——, human EOG and 398
—— —— in retinitis pigmentosa ... 315
—— ——, macular dystrophy and 385, 389, 390
See also Scotopic vision
Decamethonium biniodide, intra-ocular pressure and 619
Decapsulation, bacterial, hyaluronidase assay by 747
Degeneration, peripheral cystoid ... 124
Depressor muscles, paralysis of 130, 133
Depth perception apparatus 476
Desoxyribose-nucleic acid in "L.E." cells 6
Diabetes mellitus, temporary cataracts in 629
Diabetic retinopathy: *See* Retinopathy
"Diamox" in glaucoma ... 647, 659
——, —— ——, dosage 663
——, —— ——, side-effects 663
——, intra-ocular pressure and 647, 659, 664
——, ocular physiology and ... 743, 656
——, re-formation of anterior chamber and 664
Diaphragm, binocular, for sight testing 343
Dibenamine, oxygen vaso-obliteration and 627
Dibenzyline 763
——, hypotension and 308, 310
—— in glaucoma 307
——, pharmacology of 308
Dictyoma 429
Dihydrostreptomycin in corneal ulcer 25, 26
Diodone in orbital radiography ... 283
Diplopia, central, peripheral fusion and 482
—— in myasthenia gravis 48
Disc, optic, in choroidal sclerosis ... 257
——, ——, myeloma of 235
——, ——, in lupus erythematosus ... 7
——, radio-active, in retinoblastoma ... 241
Diuresis in water-drinking test 193, 195, 198, 199
Dural sheath of optic nerve 231
Dysplasia, congenital ectodermal ... 44
Dystrophy, macular, dominant ... 272

Ear, external, bacterial flora of... ... 24
Electrolytes, serum, in glaucoma ... 194
Electrophoresis of bovine ocular proteins 163
——, patterns of, in ocular proteins ... 163
Electro-oculogram: *See* EOG
Electroretinogram: *See* ERG
Elevator muscle, paralysis of 73, 130, 133
Elliot, Thomas 184
Emmetropia, test for 345
Endophthalmitis phacoanaphylactica ... 163
Enucleation, anaesthesia for 338
——, implants after 599
EOG, human, amplitude and adaptation 398

PAGE

Eosinophilia in uveitis 549
—— in vernal conjunctivitis ... 160, 540
Epidermolysis bullosa hereditaria ... 667
Epiphora, dacryocystorhinostomy in ... 237
Episcleral space, radiography and ... 284
Epithelium, corneal: *See* Cornea
Epithelialization, ascorbic acid and ... 212
ERG, dog, retinal degeneration and ... 349
——, human, adaptation and 399
Esophoria in myasthenia gravis ... 48
See also Strabismus
Esotropia: *See* Strabismus, convergent
Exophoria, test for 346
See also Strabismus
Exotropia 11, 144
Exudate, retinal, in lupus erythematosus 3, 5, 7
Eye, diameter of, measurement with *x*-ray phosphene 583
——, electrical responses of ... 579, 591
—— in Bloch-Sulzberger syndrome ... 279
——, sarcoidosis of 416
——, total refractive power of, measurement with *x*-ray phosphene 583
Eyeball: *See* Globe
Eye-drops, preservation of 174
Eyelids, intra-ocular pressure and ... 619
——, upper, congenital eversion of ... 702

Fibroblasts, ascorbic acid and 204
Fistula, conjunctival 112
Fixation direction, variation with colour of target 294
—— reflex, central 15
—— target, colour of 294
Fluid, extracellular, intra-ocular tension and 193
Fluorescein, corneal permeability and 470, 471
Fluorescence of ocular media ... 584, 592
Foramen, optic, radiography of ... 288
Foreign body, corneal ulcer and ... 26
—— ——, localization of 283
—— ——, —— ——, by *x*-ray shadow 583
—— ——, unusual 631
Fundus oculi, angioid streaks in ... 298
—— —— in choroidal sclerosis ... 258
—— ——, dystrophy, generalized ... 272
See also Ophthalmoscopic appearances
Fundus reflex: *See* Reflex, fundus
Fungus infection after cortisone ... 244
Fusion of macular images 479
——, peripheral, amplitude 482
——, ——, binocular vision and 474, 478
——, ——, central diplopia and ... 482
——, ——, screen test for 480
——, ——, stereoscope test for ... 483

Galactose cataract 37
Ganglion-blocking agent, diabetic retinopathy and 152, 153
—— cell anomaly, degeneration of dog retina and 29, 31

PAGE

Giant cells in sarcoidosis 417
Glaucoma, colloid osmotic pressure in 196
——, corneal sensitivity and ... 710, 712
——, dark-room test in 674
——, " Diamox " in 647, 659
——, dibenzyline in 307
——, iris atrophy and 121
——, " Myanesin " in 620
——, ocular pressure relationships in... 219
——, optic atrophy in 258
——, reading test in 103
——, serum electrolytes in 194
——, —— proteins in 194, 197
——, water-drinking test in 103, 193 et seq., 674
——, absolute, dibenzyline and ... 308
——, acute, dibenzyline and 309
——, ——, water-drinking test and ... 194
——, chronic, " Diamox " and ... 662
——, closed-angle: *See* Glaucoma, congestive
——, congestive... 103
——, ——, " Diamox " and 662
——, ——, iridencleisis in 126
——, ——, with wide chamber angle ... 673
——, secondary, " Diamox " and ... 662
——, —— to sarcoidosis 416
——, simple 673
——, ——, aqueous veins during amyl nitrite test in 685
——, ——, dibenzyline and 308
——, thrombotic, cytoid bodies and ... 8
——, ——, dibenzyline and 308
Glioma, cytoid bodies and 8
Globe as electrical system 398
——, movements of, recording methods 65
——, torsional motions of 65
Globulin, serum, in glaucoma 197
——, ——, —— myelomatosis ... 233
Glomerulus in lupus erythematosus ... 6
Glycolysis, anaerobic, retinal vessels and 455
Gonioscopy in glaucoma 673, 675, 679
Gonococcal-fixation test in uveitis ... 547
—— —— —— in toxoplasmosis ... 550
Graft, corneal 182, 641
——, ——, Mooren ulcer in 182
Granuloma due to caterpillar hairs ... 302
Grönblad-Strandberg syndrome ... 299
Gun-shot wound (air-gun), magnetic pellet 50

Haematology in uveitis 549
Haematoxophil bodies in lupus erythematosus 6
Haemorrhage into fourth ventricle ... 251
——, retinal, hypoxia and 412
——, ——, in lupus erythematosus ... 2, 7
——, ——, in myelomatosis 233
——, ——, prematurity and 564
——, subconjunctival, in lupus erythematosus 3
——, vitreous, in premature infant ... 563
——, ——, post-operative 355

PAGE

Halberstaedter-Prowazek bodies in trachoma 751
Haloes in glaucoma 673
Healing, ascorbic acid and 204
——, defective, after cataract extraction 355
Heerfordt's syndrome 416
Hemianopia, homonymous, in myelomatosis 235
Herpes simplex 729
—— zoster 729
—— ——, corneal sensitivity and ... 708
Heyden thorotrast solution 221

Honours:
DUKE-ELDER, SIR STEWART 704
LAW, F. W. 704
MICHAELSON, I. C. 384
NEELY, AIR-COMMODORE J. C., C.B.E. 128
SCOTT, PROF. GEORGE IAN 128

Hovius, circle of, pressure in 215
Hyaluronidase in eye 747
—— in retrobulbar anaesthesia ... 721
Hydrocortisone, corneal infection after 244
—— in conjunctivitis, vernal ... 542, 544
—— in Sjögren's syndrome 91
—— in uveitis 738
Hydroxybenzoates as preservatives ... 174
Hypermetropia in children 689, 695, 697
——, testing for... 345
Hyperphoria in myasthenia gravis ... 48
——, classification of 129
——, test for 346
Hyperproteinaemia, myelomatosis and 233
Hypersensitivity, lupus erythematosus and 7
—— to microfilariae 330, 331
Hypertropia, classification of 129
See also Strabismus
Hyphaema after cataract extraction ... 339, 357, 358, 359
Hypophysectomy, experimental, ocular tension and 202
Hypothalamus, scotopic vision and 155, 158
Hypoxia as vasoformative stimulus 454, 457
——, retrolental fibroplasia in mice and 409

Image, macular, fusion of 479
——, retinal, in ametropia 380
Implants after enucleation 599
—— —— ——, technique ... 600, 603
Incision for cataract 353
Inclusion bodies in trachoma 751
Incontinentia pigmenti 276
Influenza, uveitis and 727
Inheritance in arachnodactyly 566
—— in Bloch-Sulzberger syndrome ... 281
—— in choroidal sclerosis ... 257, 270
—— in dominant macular dystrophy 385, 387, 390, 391

PAGE

Inheritance in epidermolysis bullosa hereditaria 667
—— in posterior polar cataract ... 378
—— in retinal degeneration of dog ... 349
—— in *retinitis pigmentosa* *316*
Iridectomy in glaucoma... 310
Iridencleisis in congestive glaucoma ... 126
Iridocyclitis in lupus erythematosus ... 5
—— in onchocerciasis 323, 325, 326, 329
Iris, *atrophy of, bilateral* *119*
—— in sarcoidosis 416
——, insertion of 121
——, melanoma of 507

Kahn test in uveitis 547
Keratitis, dendritic, corneal sensitivity and 708
——, disciform, corneal sensitivity and 707
——, fungus 244
——, hypopyon, corneal sensitivity and 708
——, onchocercal ... 323, 326, 329
——, striate 359
——, superficial punctate 729
——, trachomatous 760
——, virus 729
Kerato-conjunctivitis sicca 90
Keratome *v.* knife 353
Keratoplasty, annular lamellar, technique of 642, 643
——, lamellar 641
Knife *v.* keratome 353

Labyrinth, congenital strabismus and ... 11
Lacrimal canaliculi, sealing of, in Sjögren's syndrome 95
—— **sac**, bacterial flora of 23
Lamina vitrea, angioid streaks and ... 298
Landolt broken circle 514
Largactil: *See* Chlorpromazine
L.E. cells: *See* Lupus erythematosus
Lens, bilateral dislocation of, with voluntary control 566
——, contact: *See* Contact lens
—— protein: *See* Protein, lens
——, "wandering" 566
Leucoma adherens 182
Light adaptation, human EOG and ... 398
—— —— with *x* rays 586
—— phosphene: *See* Phosphene
Listing's law 68
Livingston depth perception apparatus 476
Luminance, visual acuity and ... 513, 514
Lupus erythematosus, ocular changes in 1
—— **pernio** 419, 420

Macula, central serous retinopathy and 607
——, colour vision and 530
——, disciform degeneration of ... 299
——, mottling of, in choroidal sclerosis 258, 260, 263, 266, 268
See also Macular dystrophy

PAGE

Macular dystrophy, dominant ... 385 et seq.
—— ——, recessive: *See* Stargardt's disease
Magnetic air-gun pellet in eye 50
Malformation, *facial, strabismus and* ... *17*
——, ocular, in Bloch-Sulzberger syndrome 277
Marfan's syndrome 566
Measuring strabismus hooks 54
Medullo-epithelioma: *See Dictyoma*
Meibomian glands, bacterial flora of ... 23
Melanoma of iris 507
Melano-sarcoma of retina 114
Meningioma, corneal sensitivity and ... 713
Mercury globule method of recording optical movements 65
Methylandrostenediol in diabetic retinopathy 151
Micro-aneurysms 2, 7
Micro-arteriography of optic nerve ... 220
Microfilaria: *See* Onchocerciasis
Micro-radiographic unit ... 221, 222
Migraine, water-drinking test in ... 195
Mikulicz syndrome 416
Mirror, large concave, for indirect ophthalmoscopy 763
Moniliasis after cortisone 244
Mooren ulcer: *See* Ulcer
Mucin, hyaluronidase and 747
"Muscle cone" in orbital radiography 284
Muscles of eye 11, 140, 141, 48
"Myanesin" in cataract extraction ... 623
——, intra-ocular pressure and 619, 624
——, toxic effects of 624
Myasthenia gravis 48
Myeloma of inner eye 234
——, multiple 41, 233
——, ——, ophthalmic complications of 233
——, orbital 234, 235
Myopia in Bloch-Sulzberger syndrome 277
—— in children... ... 689, 695, 696

Nasal cavity, bacterial flora of 24
Nerve, cranial, paralysis in pontine haemorrhage 251
——, ocular, paralysis in myelomatosis 234, 235
——, optic, congenital anomaly ... 623
——, ——, micro-arteriography of ... 220
——, ——, myeloma and 235
——, ——, venous return in 230
——, sixth, palsy of 572
——, trochlear, paralysis of 148
Neuralgia, trigeminal, corneal sensitivity and 713
Neurinoma, acoustic, corneal-sensitivity and 713
Neuritis, optic, arsenical ... 422, 639
——, ——, cytoid bodies and 8
Neurofibroma, orbital 290
Nigeria, onchocerciasis in 321
Night vision: *See* Scotopic vision
Nodal point, colour and 295

PAGE

Nordenson camera 85
Nucleo-protein, lupus erythematosus and 7
Nystagmus, Bloch-Sulzberger syndrome and 277

Obituary:

BALLANTYNE, ARTHUR JAMES ... 63
FRIEDENWALD, JONAS STEIN 768
GAULT, EDWARD LESLIE 448
MACCALLAN, ARTHUR FERGUSON ... 319
MCCULLOCH, ROBERT JOHN PERCIVAL 192
MARTIN-JONES, JOHN DENNIS ... 575
POLYAK, Prof. STEPHEN L. 320
SORIA, Prof. MARIANO 320
THOMSON, LEWIS CHARLES 703
TOOKE, FREDERICK THOMAS 640
WALKER, CYRIL H. 704

Oblique muscle, inferior, congenital strabismus and 11
—— —— ——, overaction of ... 140, 141
—— —— ——, paralysis of: *See* Paralysis
Oedema, circumpapillary ... 2, 4, 7
——, retinal, in choroidal sclerosis 259, 270
Onchocerciasis 321
——, blindness in ... 325, 326, 329
——, incidence of 321, 323, 324, 326
—— infection in different communities 323
——, iridocyclitis in ... 323, 325, 326, 329
——, intensity of infection 322, 324, 325, 329
——, keratitis in ... 323, 326, 329
——, ocular lesions in ... 321, 323, 325
——, prophylaxis of 332
——, visual acuity and... 322, 325, 328
Opacities of ocular media, photography of 85
Ophthalmia, metastatic, Bloch-Sulzberger syndrome and 277
—— nodosa, caterpillar hairs and ... 301
Ophthalmoplegia, complete, in myelomatosis 235
Ophthalmoscopic appearances in dominant macular dystrophy 387, 388, 389, 391
—— —— in lupus erythematosus 2, 4, 7
—— —— in onchocerciasis 322
—— —— in toxoplasmosis ... 569, 570
Ophthalmoscopy, indirect 763
Optic atrophy: *See* Atrophy, optic
—— **nerve**: *See* Nerve, optic
—— **neuritis**: *See* Neuritis, optic
—— **pathway** involvement in myelomatosis 235
Orbit, radiography of 510
Oudin's gel diffusion technique ... 163
Oxygen, vaso-obliterative effect 454, 457, 460
——, —— ——, sympathetic and ... 626
See also Hypoxia

PAGE

Paget's disease, angioid streaks and ... 298
Pannus, trachomatous, tetracycline and 760
Palsy: *See* Paralysis
Papillitis, Bloch-Sulzberger syndrome and 277
——, onchocercal 329
Papilloedema, cytoid bodies and ... 8
—— in myelomatosis 234
Paralysis of ocular nerves in myelomatosis 234
——, unilateral, supranuclear, of elevators 73
—— of trochlear nerve 148
Pathway, optic, vascular supply of ... 220
Pedigree of choroidal sclerosis 274
—— of dominant macular dystrophy 386, 388, 390, 395, 396, 397
—— of epidermolysis bullosa hereditaria 667
—— of posterior polar cataract ... 378
Penicillin in corneal ulcer ... 25, 26
Permeability of cornea: *See* Cornea
Pethidine, pre-operative 333
***p*H** of bathing solution, corneal permeability and 463, 466, 470, 471
—— range of ophthalmic solutions ... 472
Phenergan: *See* Promethazine
Phenylmercuric nitrate, as preservative 174
Phosphene, light... ... ... 579, 581
——, —— and radium compared ... 590
——, —— and *x* ray compared 579, 581
——, radium 577
——, ——, action current of 592
——, ——, β-particles and 592
——, ——, characteristics of 590
——, ——, γ- rays and 592
——, ——, history of 589
——, ——, mechanism of 591
——, *x* ray 577
——, ——, action current and ... 579
——, ——, characteristics 578
——, ——, colourblind subjects and ... 582
——, ——, colour of 581
——, ——, fluorescence and 584
——, ——, history 577
——, ——, in lower animals 579
——, ——, mechanism of 584, 587, 588
——, ——, optics of 581
——, ——, retinal sensitivity 582, 584, 585
——, ——, site of action of ... 585, 587
——, ——, summation with light ... 586
——, ——, uses of 582
Photography in micro-arteriography ... 223
—— of opacities of ocular media ... 85
Pigmentation, grouped retinal 114
—— in choroidal sclerosis 257
Pituitary disturbance and scotopic vision 155
——, water-drinking test and 200
Plasma protein: *See* Protein
Pontine haemorrhage 251
Posner-Schlossmann syndrome 677
Potential, standing, of eye 398

PAGE

Pressure, colloid osmotic, in glaucoma 196
—— in Schlemm's canal 215
——, intercranial, myelomatosis and ... 234
——, intra-ocular, Schlemm's canal and 215, 216
See also Tension, ocular
Priscol 98
Promethazine, pre-operative 333
Proptosis due to myeloma 41
Prosthesis: *See* Implant
Prostigmin, myasthenia gravis and ... 49
Protein, aqueous, amino acids of ... 503
——, ——, analysis of bovine ... 163
——, lens 503
——, ——, analysis of bovine ... 163
——, ——, sensitization to 168
——, plasma, in glaucoma ... 194, 197
——, ——, in myelomatosis 233
——, ——, thiocyanate adsorption to 681
" Polyfax", bacteriological studies of 558, 560
——, ocular infections and 557
Polymyxin: *See* " Polyfax "
Prematurity, vitreous haemorrhage in 563
Proteus vulgaris, cetrimide and ... 175
Ps. aeruginosa, hypopyon ulcer and ... 249
Ps. pyocyaneus, cetrimide and 175
—— ——, ocular infections with 557, 560
Pseudo-glioma, Bloch-Sulzberger syndrome and 277
Pseudoxanthoma elasticum, angioid streaks and 298
Ptosis, myasthenia gravis and 48
—— spatula, modified 573
——, strabismus and 73
Pupil reflexes, *x*-irradiation and ... 579
Pupillometry 762

Quinine amaurosis 178
—— amblyopia 179

Radiography, orbital 283, 510
—— of toxoplasmosis ... 569, 570, 571
Radiotherapy of melanoma of iris ... 507
—— in retinoblastoma 241
——, vernal conjunctivitis and ... 542
Radium phosphene: *See* Phosphene
Recession-lengthening 488
——, amount of myotomy ... 490, 491
——, contraindications... 489
——, dangers 491
——, indications 488
——, results 492
——, technique 489
Rectus muscle, external, palsy of 48, 572
—— ——, internal, congenital strabismus and 11
—— ——, medial, overaction of ... 141
—— ——, ——, recession-lengthening of: *See* Recession-lengthening
Red-green discrimination 171

PAGE

Reflex, binocular, subnormal 474
——, fundus, in retinitis pigmentosa ... 312
——, naso-lacrimal 705, 713
——, postural 74
——, psycho-optical 74
Relaxant, muscle, in cataract surgery ... 623
——, ——, intra-ocular pressure and... 619
Retina, anaerobic glycolysis in 455, 456
——, angioid streaks in 298
——, arterial occlusion, Priscol and ... 98
——, atrophy of, in choroidal sclerosis 261, 263, 264, 266, 268, 271
——, bilateral symmetrical cysts of ... 122
——, capillary network of 224 et seq., 230
——, central arterial thrombosis in myelomatosis 234
——, —— venous thrombosis in myelomatosis 234
——, circulation of 449
——, cytoid bodies in 2, 3, 4, 5, 7
——, degeneration of, in dog ... 29, 349
——, —— ——, —— ——, electroretinogram 349
——, detachment of, anaesthesia for ... 338
——, —— ——, influence on developing vessels 449, 457
——, —— ——, melano-sarcoma and 114
——, developing vessels in 449, 457, 626
——, dictyoma of 429
——, fluorescence of, *x* ray phosphene and 585
——, functional test of... ... 408, 582
——, γ- rays and 592
——, haemorrhage after hypoxia ... 412
——, —— due to myelomatosis ... 233
—— in central serous retinopathy ... 605
—— in choroidal sclerosis ... 258 et seq.
—— in experimental retrolental fibroplasia 410, 412
——, lacerations of, cytoid bodies and 8
—— in lupus erythematosus ... 3, 4, 7
——, macular dystrophy and: *See* Ophthalmoscopic appearances
——, melano-sarcoma of 114
—— in onchocerciasis 325, 326, 329, 331
—— in quinine amaurosis 180
——, pigmentation due to melanoma of 114
——, radium phosphene and ... 590, 592
——, vascular changes in, after detachment 449, 454, 457
——, —— —— of, in myelomatosis ... 233
——, *x*-ray stimulation and: *See* Phosphene, *x* ray
Retinitis pigmentosa 257, 272
—— ——, fundus reflexes and ... 312
Retinoblastoma 241
Retinopathy, central serous 605
——, —— ——, aetiology of 606
——, —— ——, pathology of 607
——, —— ——, statistical findings in 608 et seq.
——, —— ——, therapy of 608
——, diabetic, androgene in 151
——, ——, cytoid bodies in 8
——, hypertensive, cytoid bodies in ... 8

PAGE

Retraction syndrome 488
Retrobulbar anaesthesia, corneal sensitivity and 705, 713
Retrolental fibroplasia, Bloch-Sulzberger syndrome and 277
—— ——, experimental, pathogenesis of 409
—— ——, vaso-proliferation in ... 414
Rheumatoid arthritis, uveitis and ... 727
Rheumatic fever, uveitis and 727
Rhinitis, vaso-motor, vernal conjunctivitis and 541, 543
Ricco's law 580
Rod activity, *x*-ray phosphene and 580, 588
—— nuclei, degeneration of, in dog ... 349
—— threshold in adiposo-genital dystrophy 156
Ross Foundation 187
Rotation, in elevator paralysis 74

Sarcoidosis, episcleral nodules in 416, 417
——, uveitis and 416, 727
Schlemm's canal, pressure in ... 215, 764
Sclera, blue 277
Scleritis, corneal sensitivity and ... 710
Sclerosis, choroidal 257
——, ——, differential diagnosis of ... 272
——, ——, inheritance in 270
——, ——, ophthalmoscopic appearances in ... 258, et seq., 270
——, ——, pedigrees of 274
——, ——, symptoms of 270
Scotoma, central, macular dystrophy and 393
——, —— suppression 479
——, *x*-ray phosphene and 586
Scotopic vision, adiposo-genital dystrophy and 155
Scurvy, sodium and chloride of aqueous in 534
Sedation for ophthalmic surgery ... 333
Serum, electrical conductivity of ... 194
Sex chromatin in ocular tissues ... 362
Sheaths of optic nerve, circulation in ... 231
Sinusitis, uveitis and 733
Sjögren's syndrome 90
Skin tests in onchocerciasis 321

Societies:

All-India Ophthalmological Conference, XVI, Bombay, 1955 ... 61
American Ophthalmological Society 576
British Orthoptic Board 767
Canadian Ophthalmological Society 128
Faculty of Ophthalmologists, Officers, 1955 384
International Congress of Human Genetics, I, Copenhagen, 1956 767
International Congress of Ophthalmology, XVII, U.S.A. and Canada, 1954 60

PAGE

Societies (*contd.*):

International Council of Ophthalmology 447
—— —— —— ——, Statutes of ... 57
International Federation of Ophthalmological Societies, Statutes of 57
International Organization against Trachoma 448
Irish Ophthalmological Society ... 128
Ophthalmological Society of Australia 62
Ophthalmological Society of Egypt 128, 384
Ophthalmological Society of New South Wales 61
Ophthalmological Society of the United Kingdom, ... 62
—— —— —— Annual Congress, 1956 767
Oxford Ophthalmological Congress 512, 704
Pan-American Congress of Ophthalmology, V 384, 576

Sodium, blood, ocular tension and ... 198
——, ——, water-drinking test and 194, 197
——, corneal permeability to 463
—— of aqueous 534, 681
Solution, Heyden thorotrast 221
Solutions, different, effect on corneal permeability 463
——, ophthalmic, *p*H range of ... 472
——, ——, preservation of 174
Space-occupying lesions, orbital, radiography and 283
Spatula, ptosis, modified 573
Spectroscope, colour vision and ... 170
Spondylitis, ankylosing, uveitis and ... 727
Squint: *See* Strabismus
Staph. aureus blepharitis 561
—— ——, cetrimide and 175
—— ——, experimental ocular infection with 560
—— —— in corneal ulcer ... 25, 26, 27
—— ***pyogenes: See Staph. aureus***
Staphylococcus toxin in endophthalmitis phacoanaphylactica ... 163
Stargardt's disease ... 262, 392, 393
Stereopsis, defective, in strabismus ... 475
——, three-pin test for 476
Stereoscope, cross-armed reversible screen 634
Stereoscopic orbital radiographs 287, 289, 291
Stovarsol: *See* Arsenic
Strabismus, anaesthesia for 338
——, bilateral paralytic 134
——, binocular vision and 474
——, Bloch-Sulzberger syndrome and 277

PAGE

Strabismus, central suppression scotoma in 479
—— in children, statistical studies 688, 690, 692, 693, 694
——, cinch operation in 495
——, concomitant ... 16, 129, 185
——, —— vertical 137
——, congenital 11
——, ——, facial malformations and 17
——, consecutive divergent 478
——, convergent ... 11, 142, 143, 488
——, ——, left paralytic 572
——, ——, surgery of 488
See also Recession-lengthening
——, defective stereopsis in 475
——, dissociated vertical 139
—— fixus 488
——, measurement of 54
——, mixed paralytic 136
——, primary vertical 130
——, —— ——, surgery of 147
——, retinal correspondence in ... 475
——, secondary vertical 140
——, —— ——, surgery of 147
——, suppression-amblyopia and ... 474
——' surso-adductorius ... 11, 140
——, vertical 73, 129
——, ——, classification of 129
——, ——, mixed 148
——, visual acuity and binocular vision 474
Streptococcus, uveitis and ... 553, 554
——, hyaluronidase assay and ... 747
Streptomycin, sarcoidosis 417
See also Dihydrostreptomycin
Subretinal fluid, pigment spots and 114, 118
Succinyl bicholinester, intra-ocular pressure and 619
Sulphacetamide 187
—— in corneal ulcer 24, 26
Sulphonamides in trachoma 760
Superior oblique muscle, paralysis of: *See* Paralysis
Suppression-amblyopia 474
Supranuclear paralysis: *See* Paralysis
Surgery, cataract, " Myanesin " in ... 623
——, extra-ocular, anaesthesia in 333, 338
——, intra-ocular, anaesthesia in 333, 337
—— of cataract 353
—— of convergent strabismus ... 488
See also Recession-lengthening
—— of epiphora 237
—— of strabismus, cinch operation ... 495
—— of vertical deviations ... 129, 147
—— in visual defects due to myelomatosis 236
——, ophthalmic, sedation for ... 333

PAGE

Surgery, prosthetic 600, 603
Sympathectomy, oxygen vaso-oblitaration and 627
Sympathetic innervation, oxygen vaso-obliteration and 627
Syphilis, uveitis and 727

Tendon shortening, cinch operation ... 495
Tenon's capsule, orbital radiography and 284, 288
Tension, ocular, amyl nitrite test and 685
——, ——, chlorpromazine and ... 337
——, ——, corneal sensitivity and 710, 712
——, ——, Diamox and 647, 659, 664, 743
——, ——, dibenzyline and 307
——, ——, in differential diagnosis of glaucomas 674
——, ——, diuresis and 198
——, ——, " Myanesin " and... 619, 624
——, ——, uveitis and 736
——, ——, water-drinking test and 193 et seq.
Terramycin in corneal ulcer ... 25, 26
Test, amyl nitrite, aqueous veins during 685
——, complement-fixation: *See* Gonococcal
——, dye-, in toxoplasmosis 550
——, " glass rod " 218
——, Mantoux, in uveitis 548
——, Middlebrook-Dubos, in uveitis 548
——, nasal cover 139
——, reading, in glaucoma 103
——, screen, for peripheral fusion ... 480
——, ——, results 480
——, sensitivity, antibiotic 22
——, stereoscope, for peripheral fusion 483
——, ——, method 484
——, three-pin, for stereopsis 476
——, water-drinking ... 103, 193 et seq.
——, ——, in migraine 195
——, ——, pituitary and 200
——, ——, urinary excretion in ... 196
Test-object, black and white 520
—— ——, coloured 515, 527
—— ——, transparencies 532
—— ——, visual acuity and ... 513, 514
Testosterone, diabetic retinopathy and 151
Tetracycline in trachoma 759
Thiocyanate of aqueous and plasma ... 681
Tonicity of bathing solution, corneal permeability and 463, 466, 470, 471
Tonometers, calibration of 368
Tonometry, new calibration scale ... 56
Torsion of eyeball 65

PAGE

Torticollis, strabismus and 145
Toxin, onchocercal 331
Toxoplasmosis 727
——, congenital 569
——, epidemiology 571
——, uveitis in 550
Trachoma, inclusion bodies in 751
——, tetracycline in 759
Tremor of eyeball 65, 67
Trigeminal neuralgia, corneal sensitivity and 713
Tuberculin, old, in uveitis 738
Tuberculosis, uveitis and ... 548, 732
Tumour, conjunctival, ossification in ... 443
——, intra-cranial, corneal sensitivity and 713
Turbimetry in hyaluronidase assay ... 747

Ulcer, corneal, bacterial sensitivity to antibiotics in 21, 24
——, ——, corneal sensitivity and ... 707
——, ——, " Polyfax " in 561
——, hypopyon 21, 189
——, ——, caterpillar hairs and ... 302
——, ——, after cortisone ... 244, 245
——, Mooren, in corneal graft ... 182
Urist's syndrome ... 11, 140, 146
Uveitis 545, 727
——, aetiological studies 545
——, age distribution 730
——, antibiotics in 734, 738
——, anti-streptolysin titres in ... 553
——, associated diseases 727, 728, 737
——, blindness in, incidence of ... 545
——, brucellosis and 550
——, chest disease and 732
——, classification 727
——, cortisone in 738
——, dental disease and 753
——, erythrocyte sedimentation rate in 730
——, focal infection and 731
——, granulomatous 727
——, laboratory findings in 547 et seq., 730
——, ocular hypertension and ... 736
——, post-operative 355
——, recurrence rates 734
——, sarcoid 416, 727
——, seasonal incidence 734
——, sex incidence 730
——, sinus disease and 733
——, skin lesions and 729
——, toxoplasmosis and 550
——, treatment of 738
——, tuberculosis and 548

Varicella, uveitis and 727
Varix, orbital 289
Vascularization, corneal: *See* Cornea

PAGE

Vasodilator, " Diamox " as 659
Vein, central retinal 230
——, —— ——, thrombosis in myelomatosis 234
Veins, aqueous, during amyl nitrite test 685
——, ——, in vernal conjunctivitis ... 161
——, congestion of, in retina, in lupus erythematosus 2, 7
—— return, in optic nerve 230
Venereal disease, uveitis and 547
Venous plexus, episcleral, pressure in ... 215
Ventricle, fourth, ocular manifestations following haemorrhage into ... 251
Vernal catarrh: *See* Conjunctivitis, vernal
Vertical muscle defects, horizontal strabismus and ... 11, 129
See also Urist's syndrome
Vessels, blood, of optic pathway ... 220
——, conjunctival, amyl nitrite test and 686
——, episcleral, amyl nitrite test and 686
——, retinal, development of 449, 457, 626
——, ——, retrolental fibroplasia and 409, 410
Virus infection, uveitis and 727
Viscosity, hyaluronidase and 747
Vision, binocular, peripheral fusion and 474, 478
——, peripheral 479
——, persistence of, *x*-ray phosphene and 579
Visual acuity, accommodation and ... 345
—— ——, arsenic and ... 423, 424
—— ——, binocular diaphragm for ... 345
—— —— after cataract extraction ... 354
—— ——, colour and 515
—— ——, —— surround on 514, 520, 521
—— ——, factors affecting 513
—— ——, luminance and 513, 514, 520, 521
—— —— in macular dystrophy 385, 392
—— ——, measurement of 513
—— ——, —— ——, apparatus 517, 531, 533
—— ——, —— ——, results 523, 524, 527, 529
—— ——, —— ——, technique ... 518
—— ——, normal variation ... 522, 523
—— —— in onchocerciasis 322, 325, 328
—— —— in sarcoidosis ... 416, 419
—— —— in strabismus, binocular vision and 474
—— **axis**, rotation about 65
—— **defects** in children, statistical ... 688
—— **field**, arsenic and ... 422, 424
—— ——, myelomatosis and 235
—— ——, optic nerve anomaly and ... 632
—— —— in retinitis pigmentosa ... 315
—— ——, recurrent choroidal detachment and 438

PAGE

Visual purple, radium and 592
—— ——, *x* rays and 586
—— **sensation**, *x* rays and radium causing: *See* Phosphene
Vitamin B_1 deficiency, in onchocerciasis 331
See also Cocarboxylase
Vitreous haemorrhage in premature infant 563
—— humour, myeloma in 234
—— ——, replacement with diodone... 284
—— ——, vasoproliferation in 449, 454, 459, 461
—— loss, " Diamox " and ... 623, 624
—— ——, post-operative ... 359, 623
—— protein, bovine, analysis of ... 163

PAGE

Vogt-Koyanagi syndrome 120
Von Graefe knife *v.* keratome 353

Wassermann reaction in uveitis ... 547
Wound, intra-ocular, with air-gun pellet 50

X-ray action on visual system ... 577, 589
—— **phosphene** 577
See also Phosphene

Zonule, spontaneous dislocation of lens and 566

PAGE
120
353

547
50

589
577

566